

FIG. 1 PRIOR ART

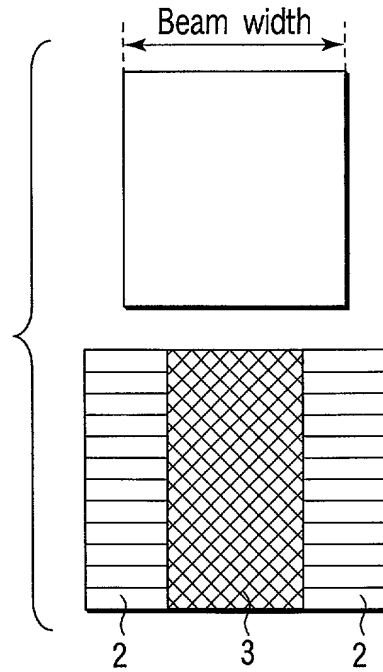


FIG. 3 PRIOR ART

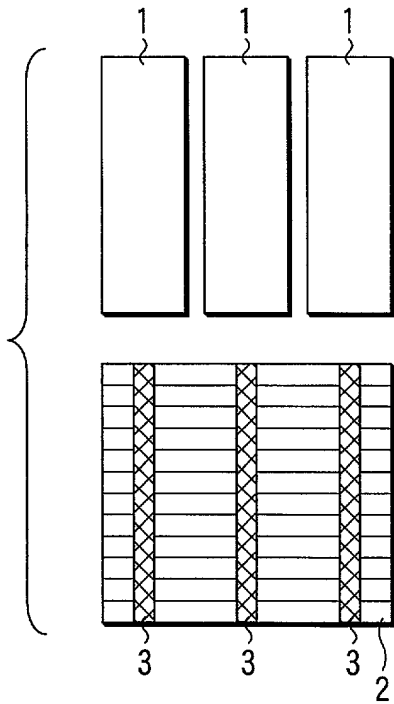


FIG. 2 PRIOR ART

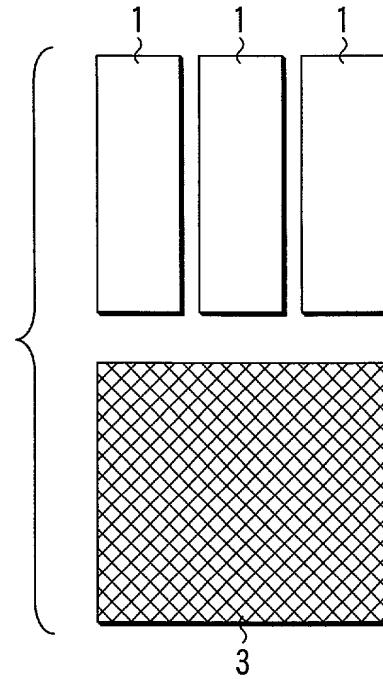


FIG. 4 PRIOR ART

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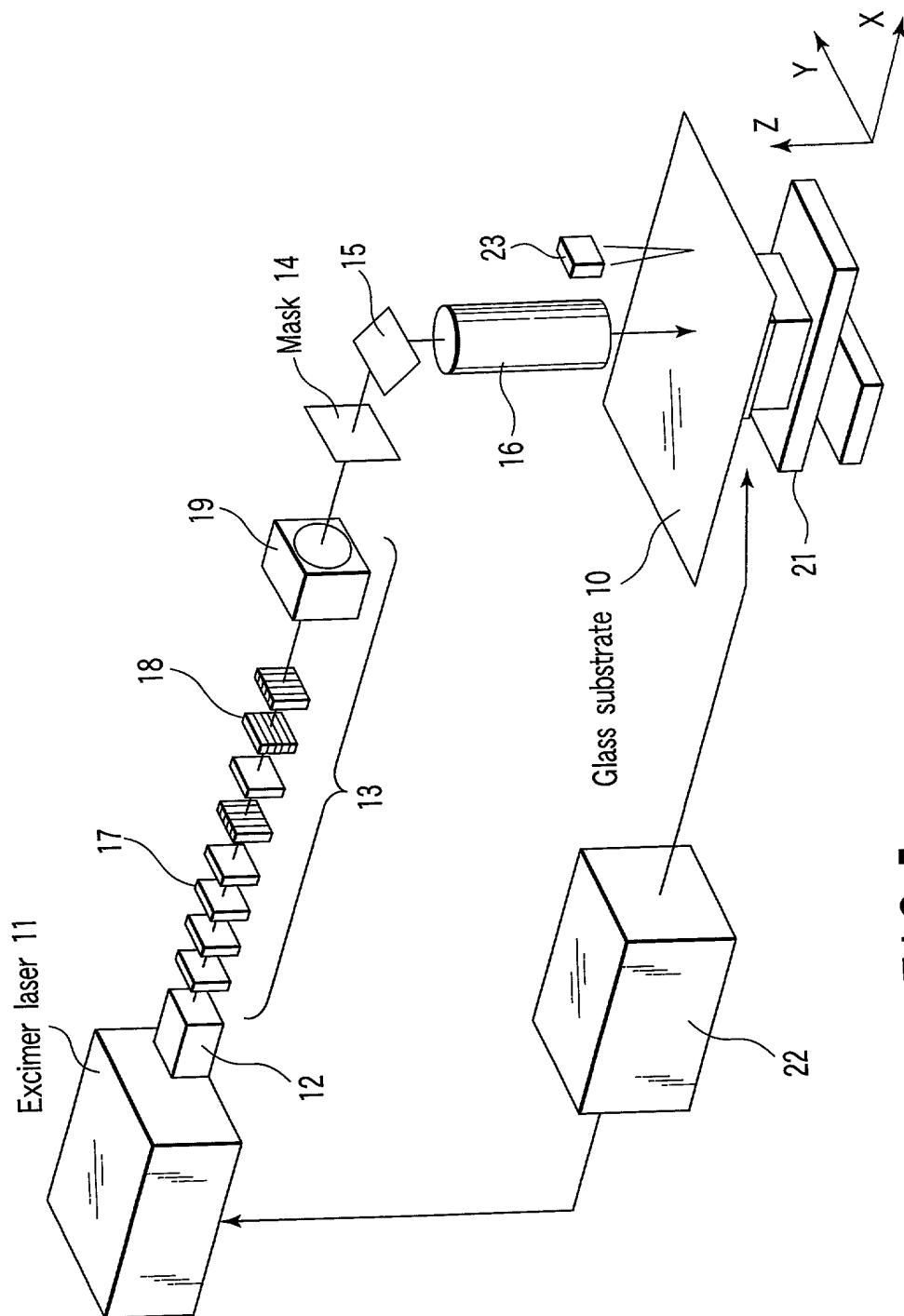


FIG. 5



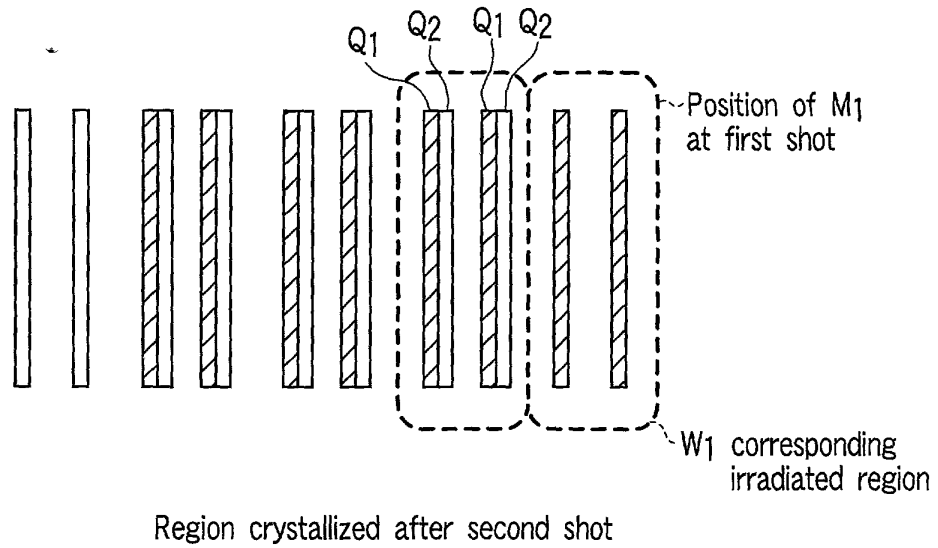


FIG. 8

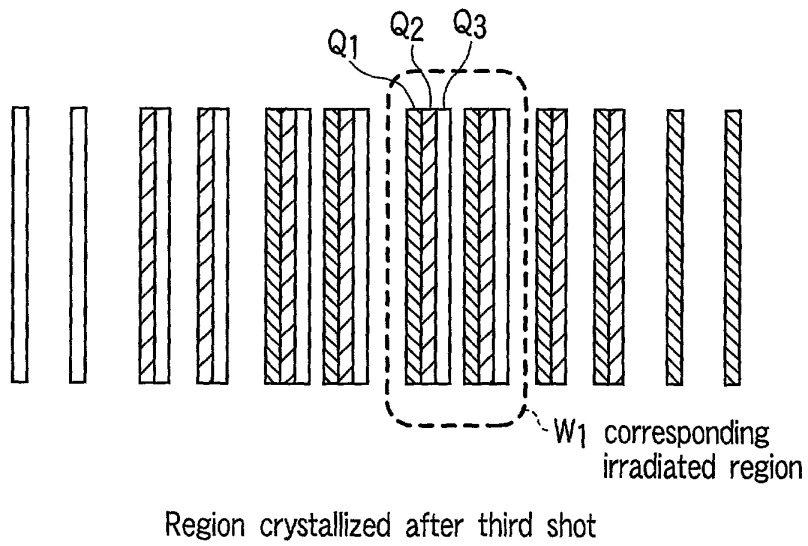
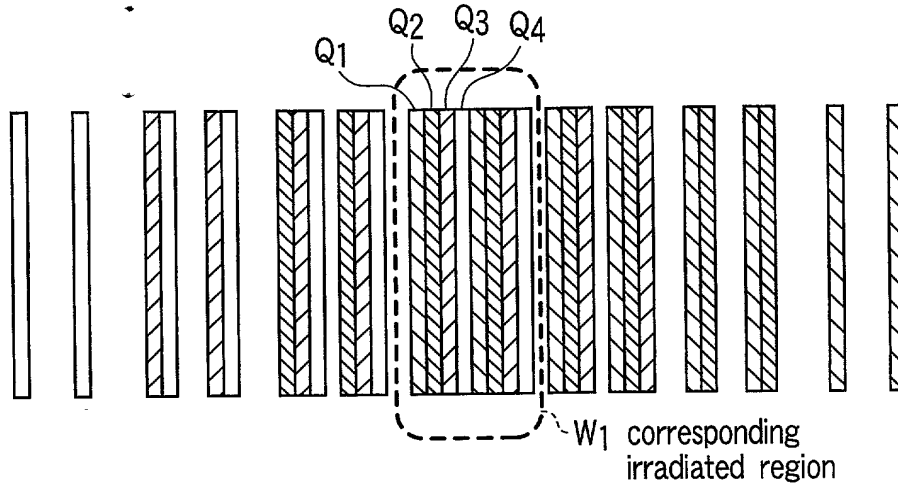
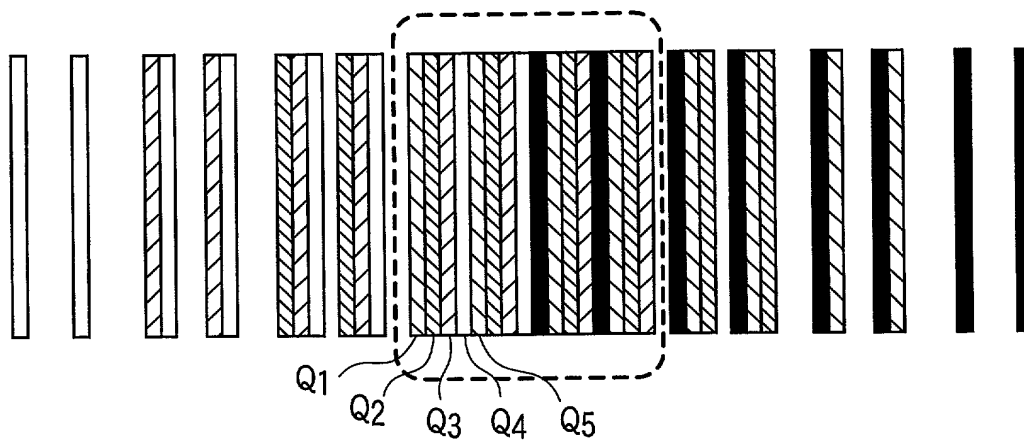


FIG. 9



Region crystallized after fourth shot

FIG. 10



Region crystallized after fifth shot

FIG. 11

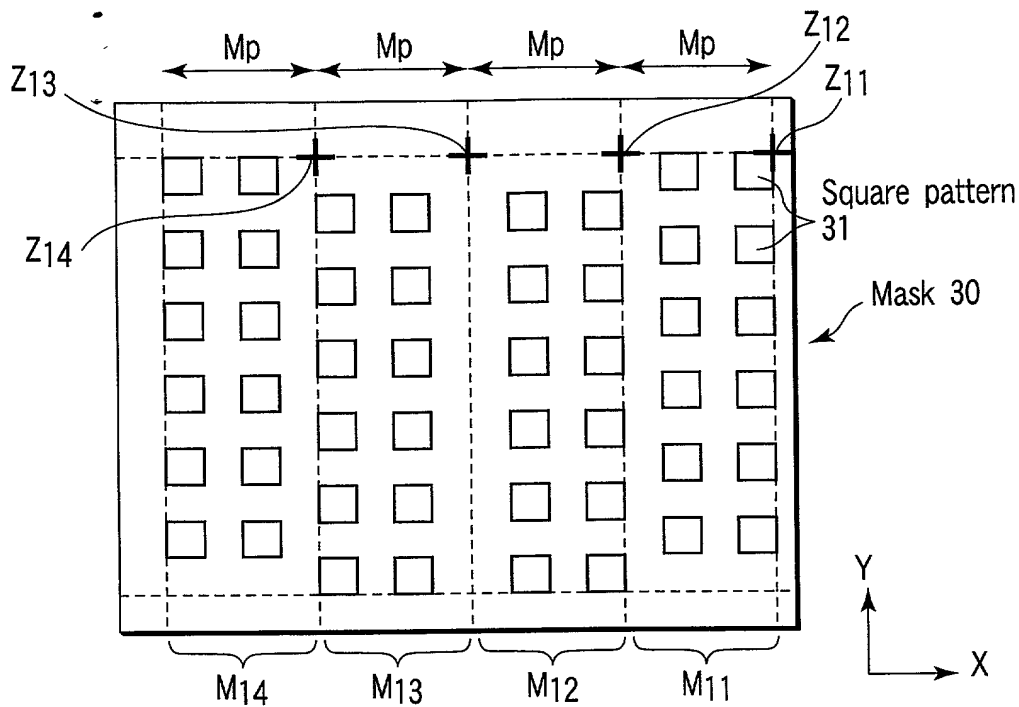


FIG. 12

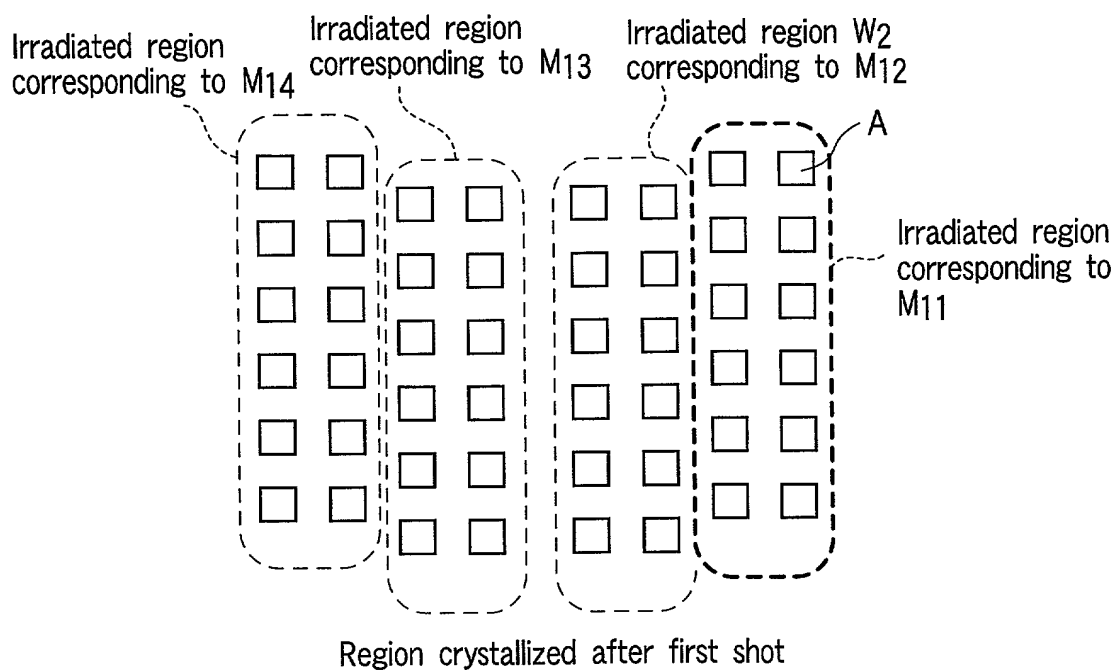
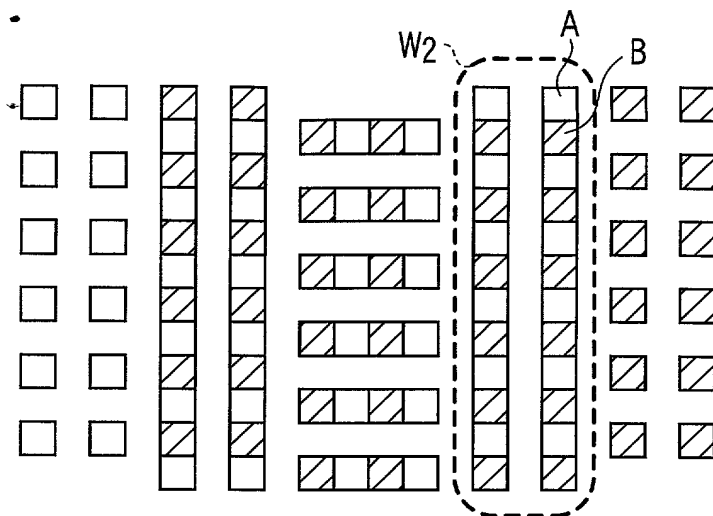
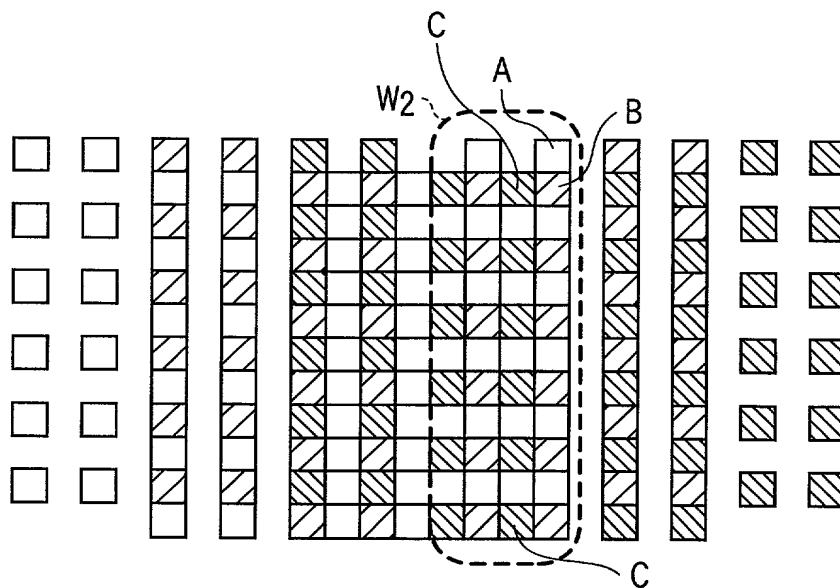


FIG. 13



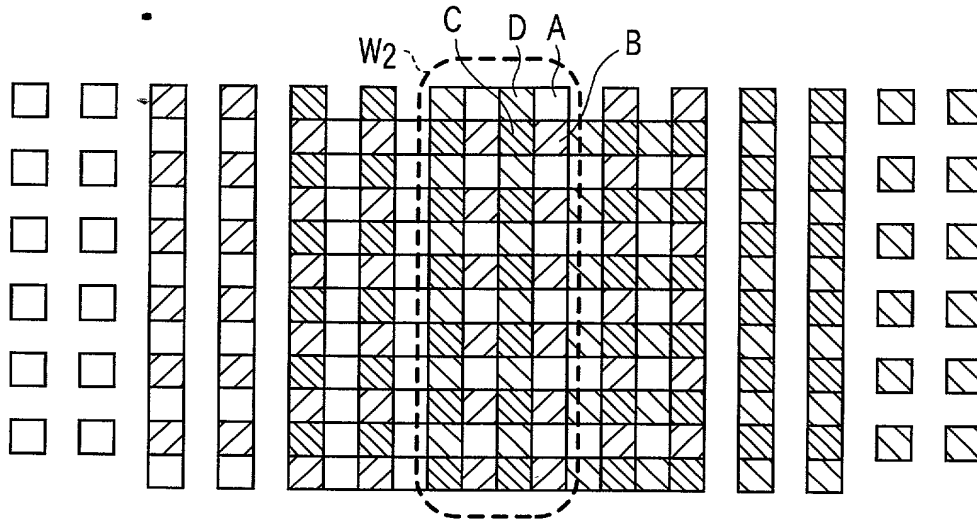
Region crystallized after second shot

FIG. 14



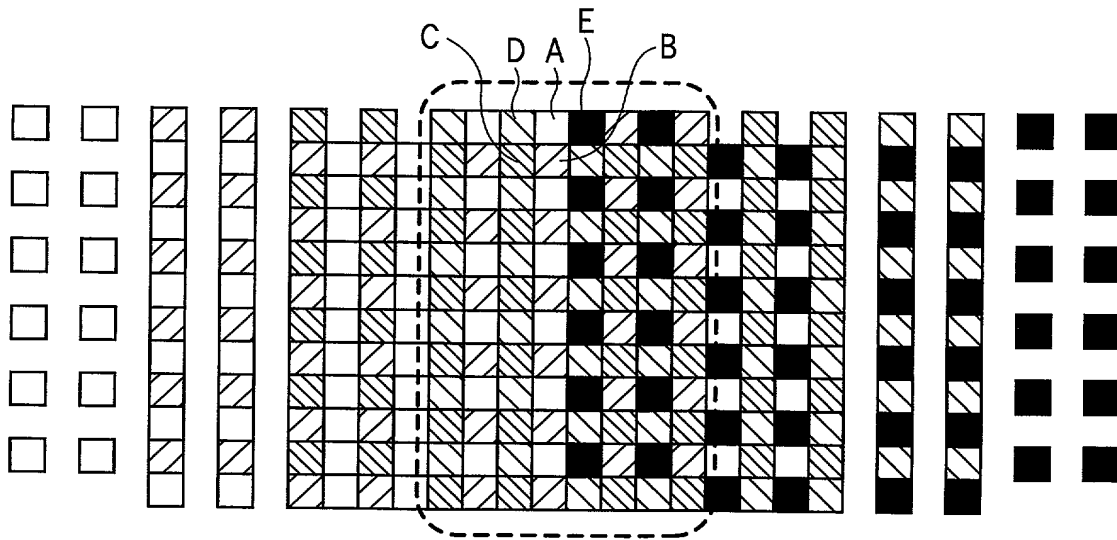
Region crystallized after third shot

FIG. 15



Region crystallized after fourth shot

FIG. 16



Region crystallized after fifth shot

FIG. 17

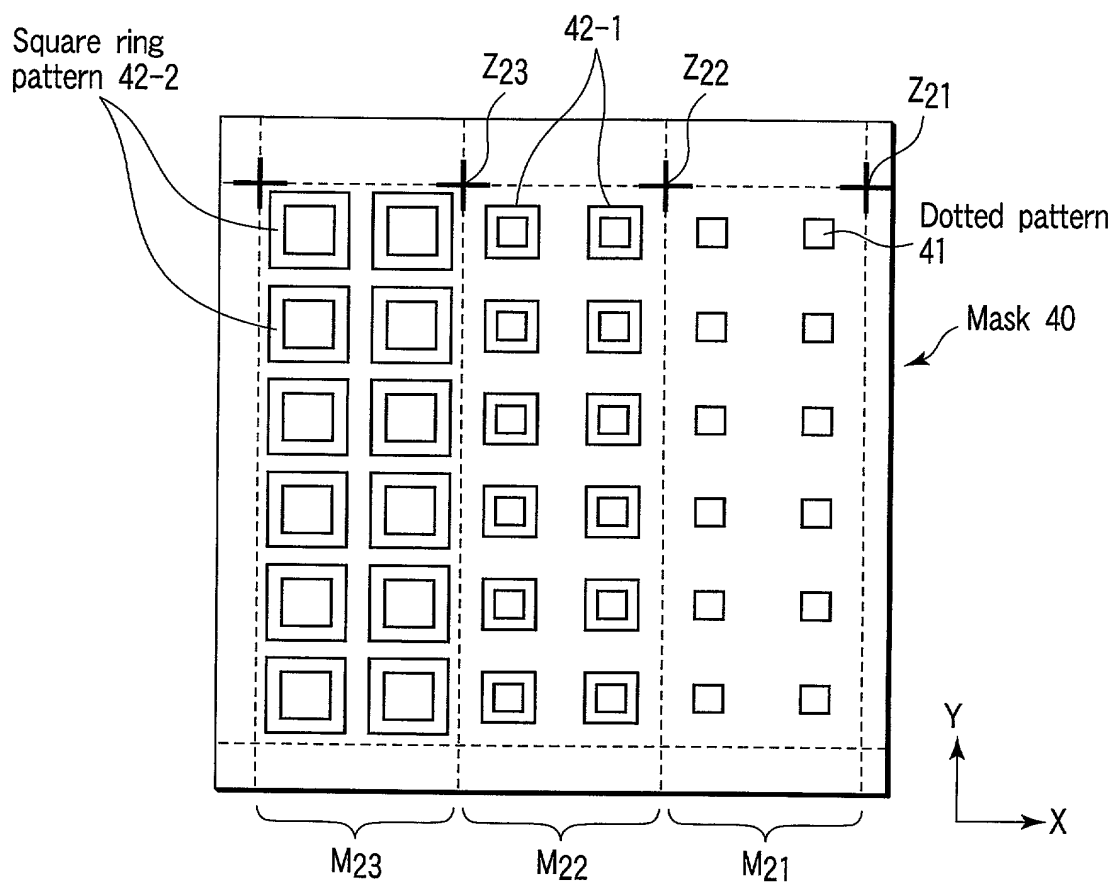


FIG. 18

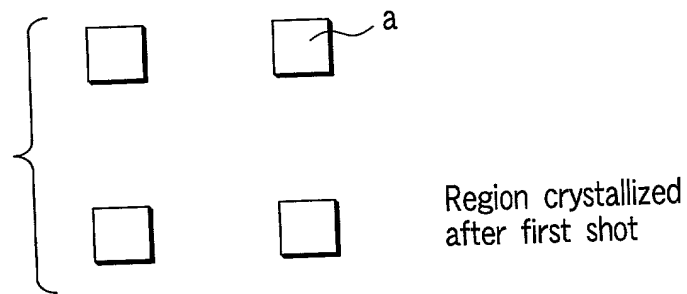


FIG. 19

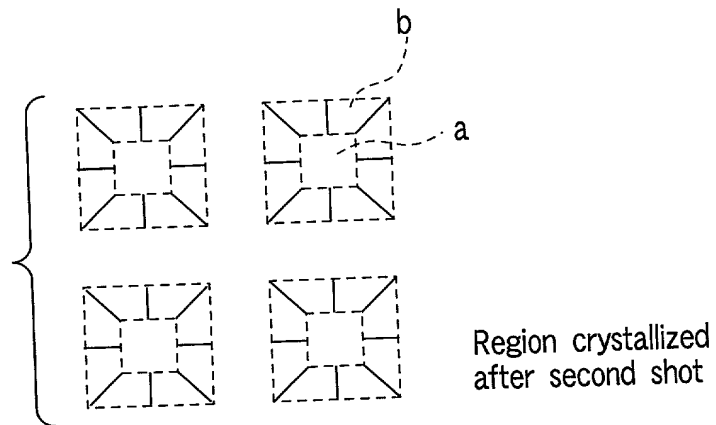


FIG. 20

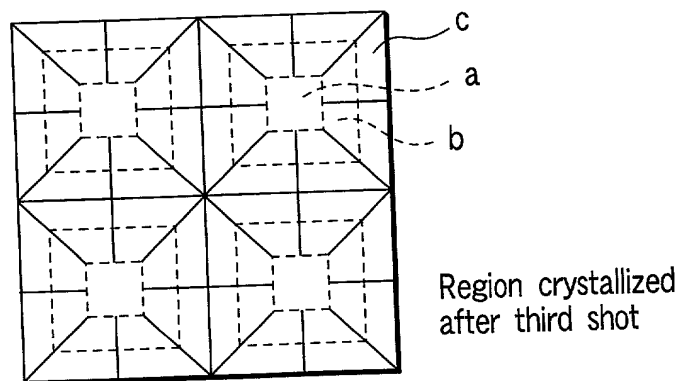


FIG. 21

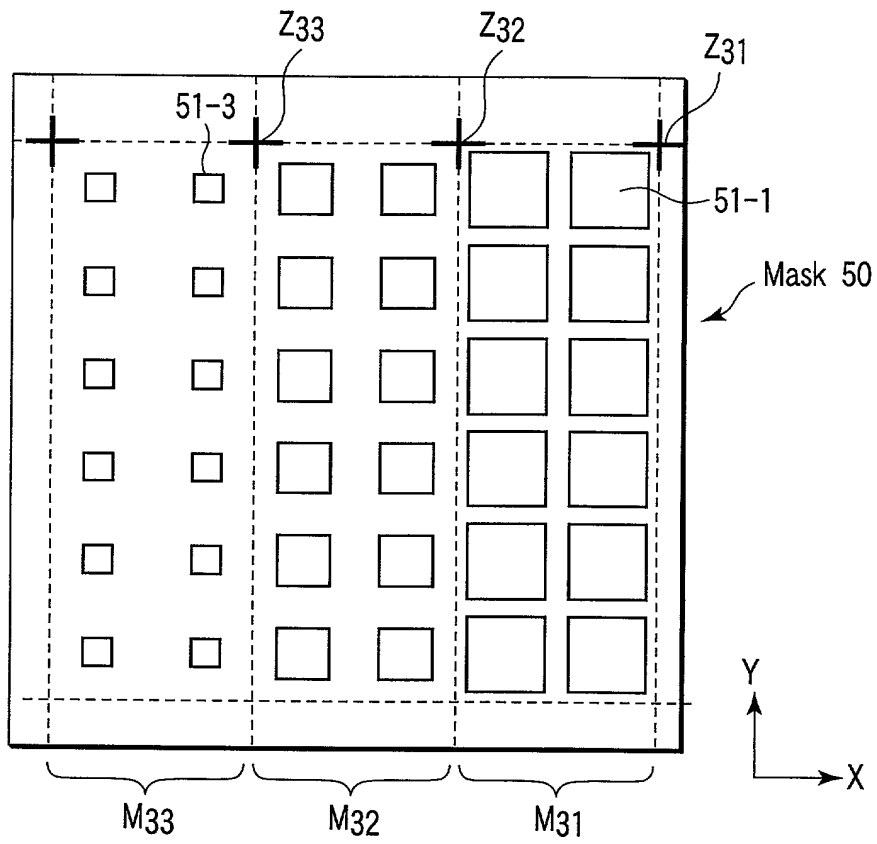


FIG. 22

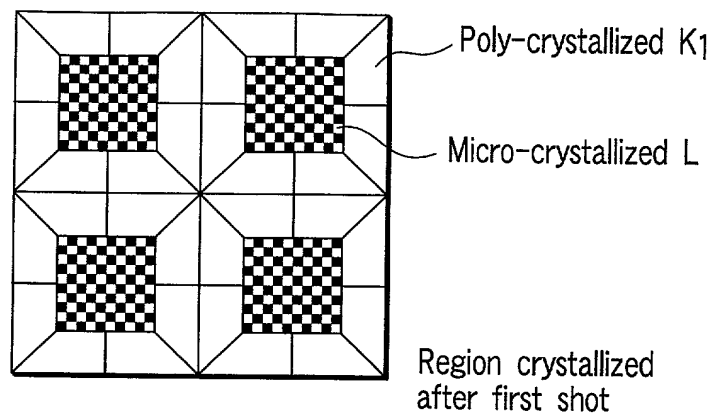


FIG. 23

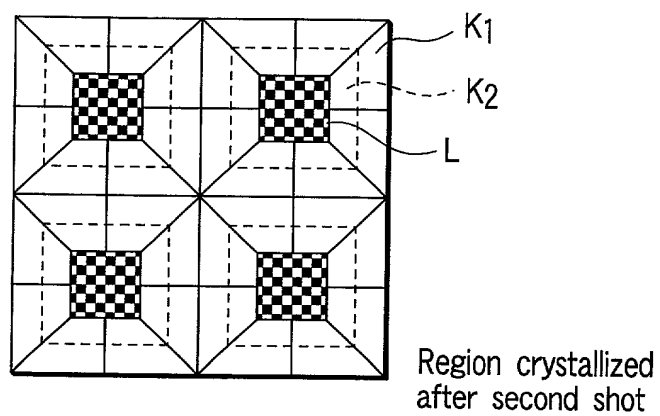


FIG. 24

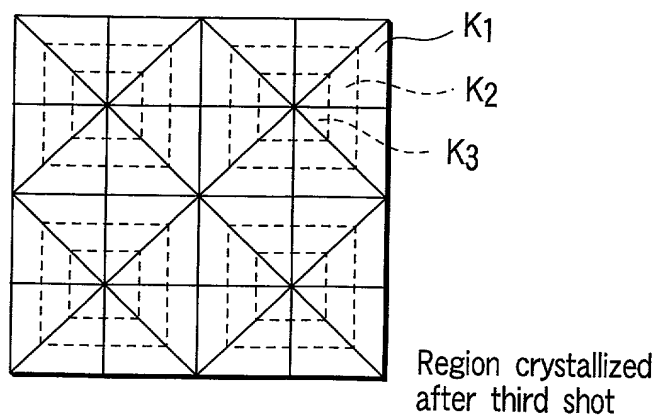
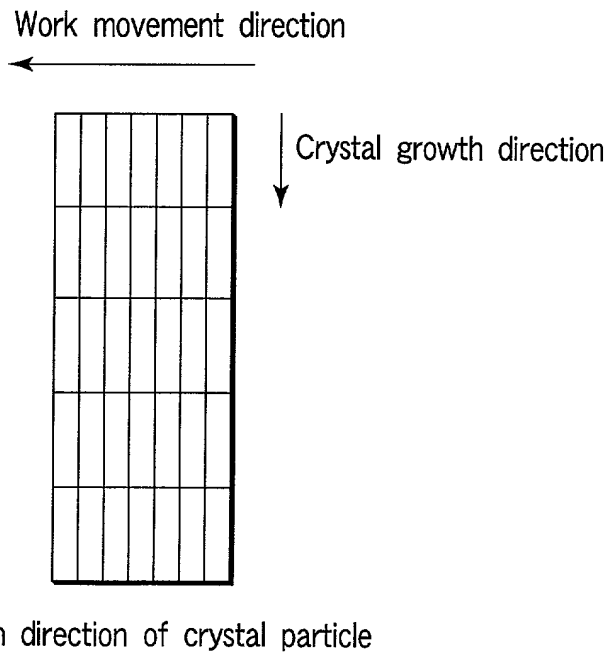
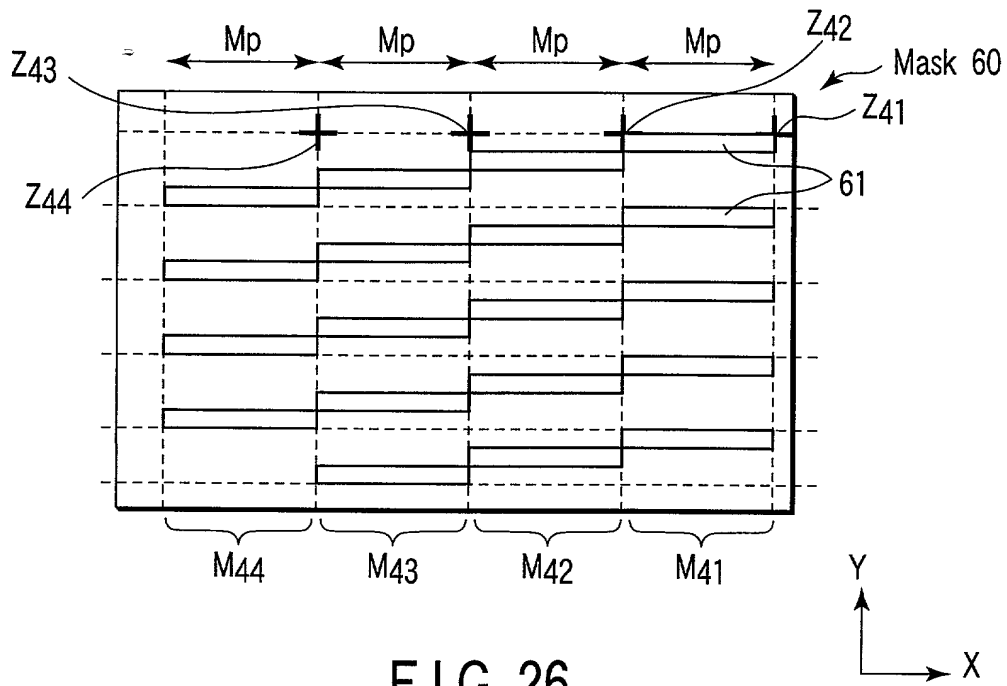


FIG. 25



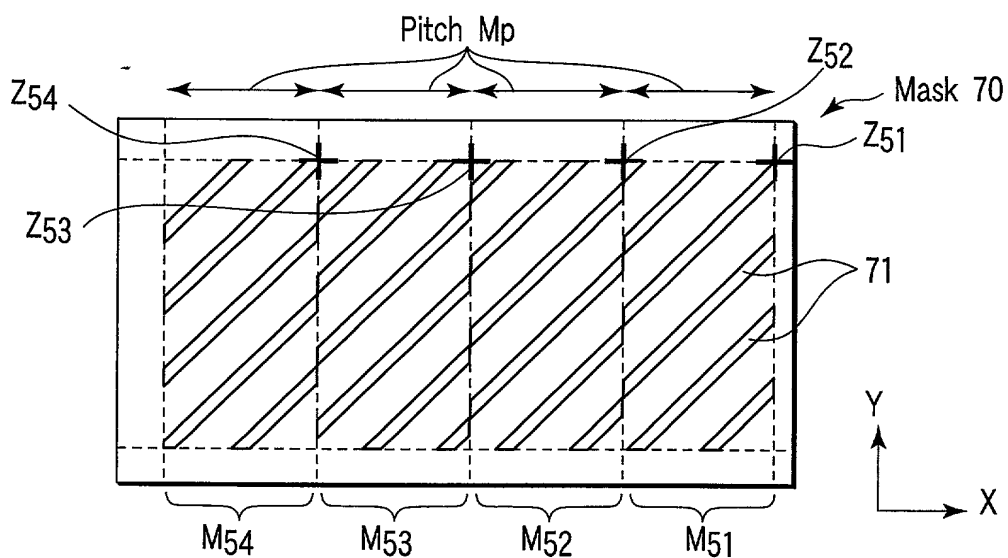


FIG. 28

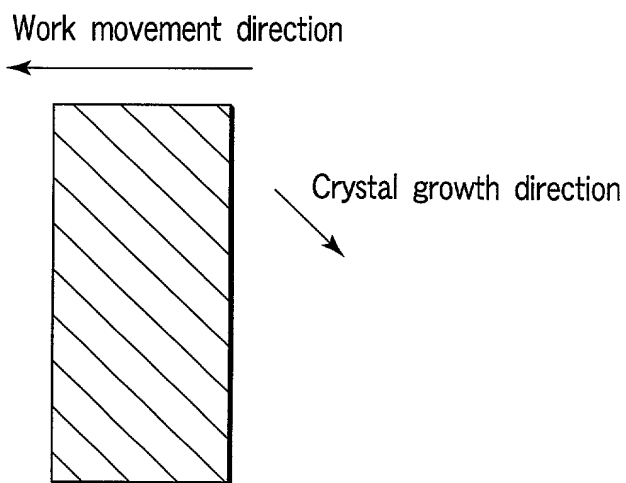


FIG. 29

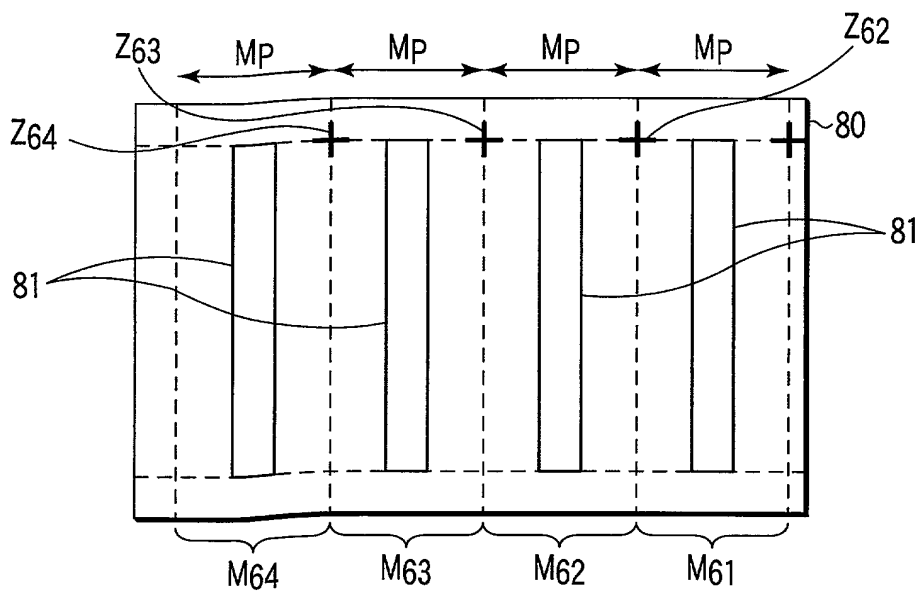


FIG. 30

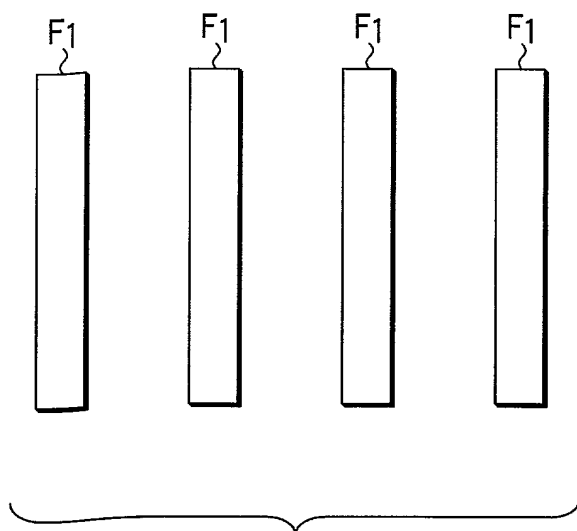
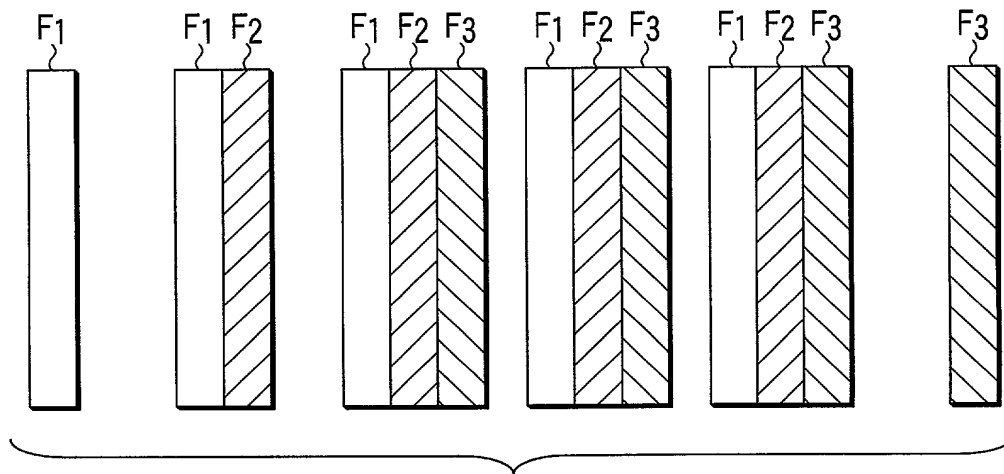
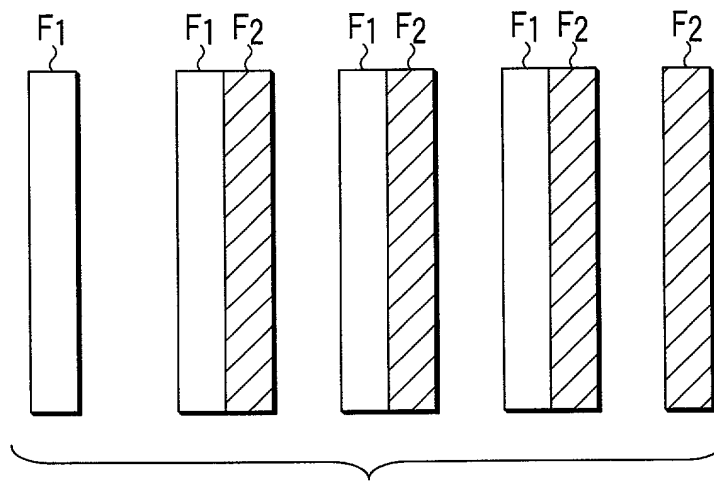


FIG. 31



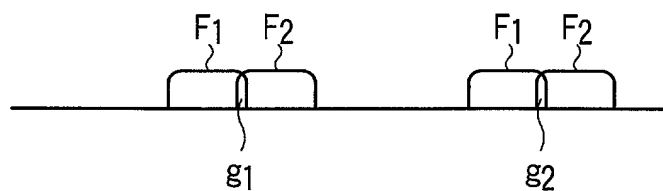
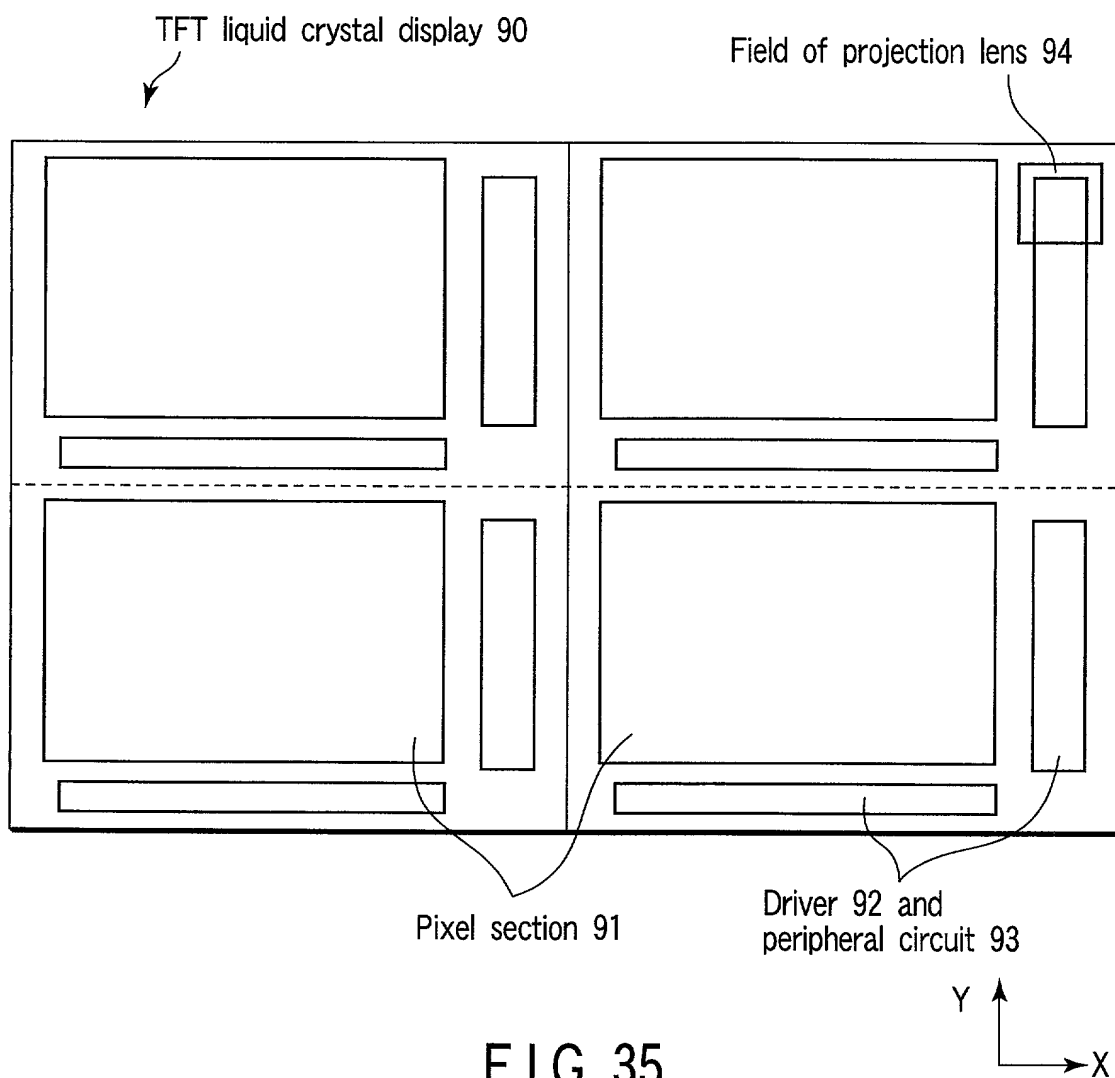


FIG. 34



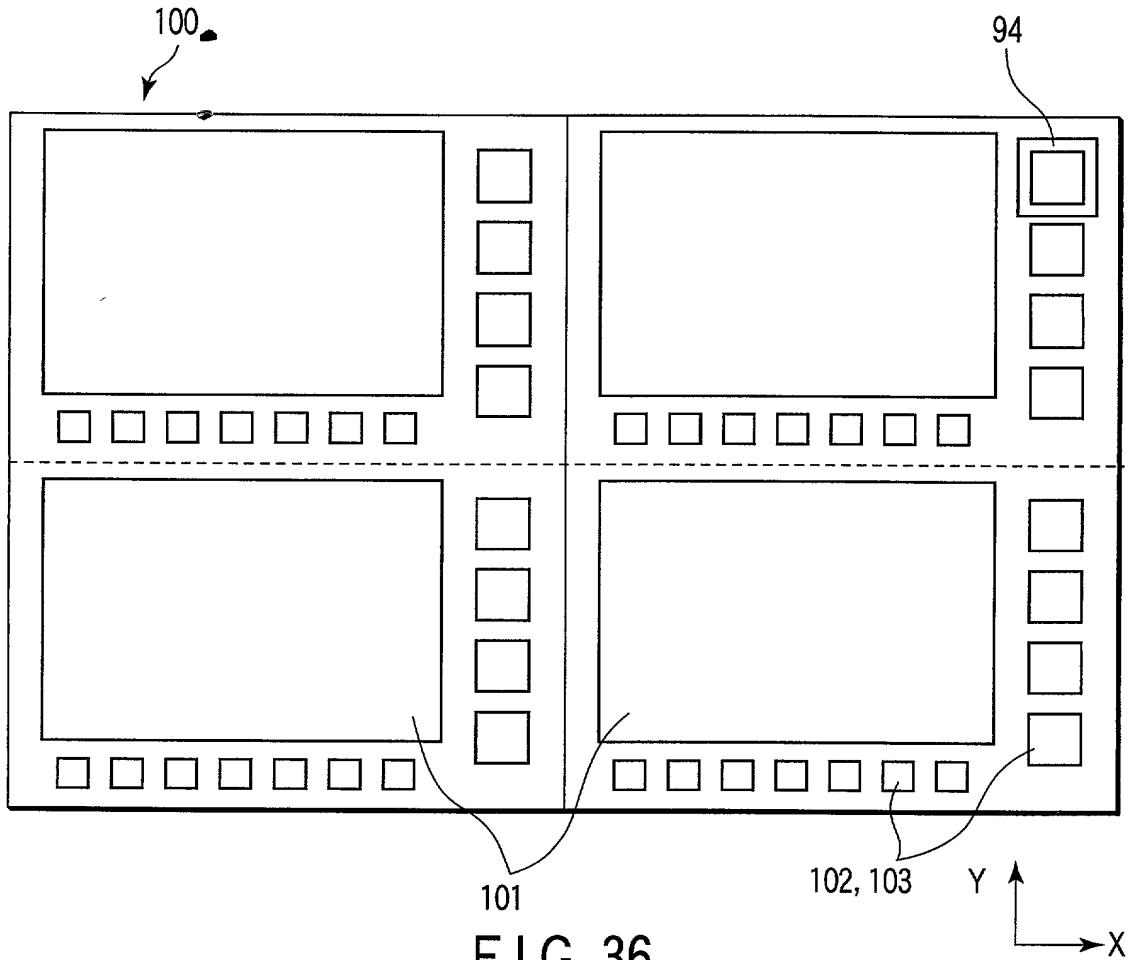


FIG. 36

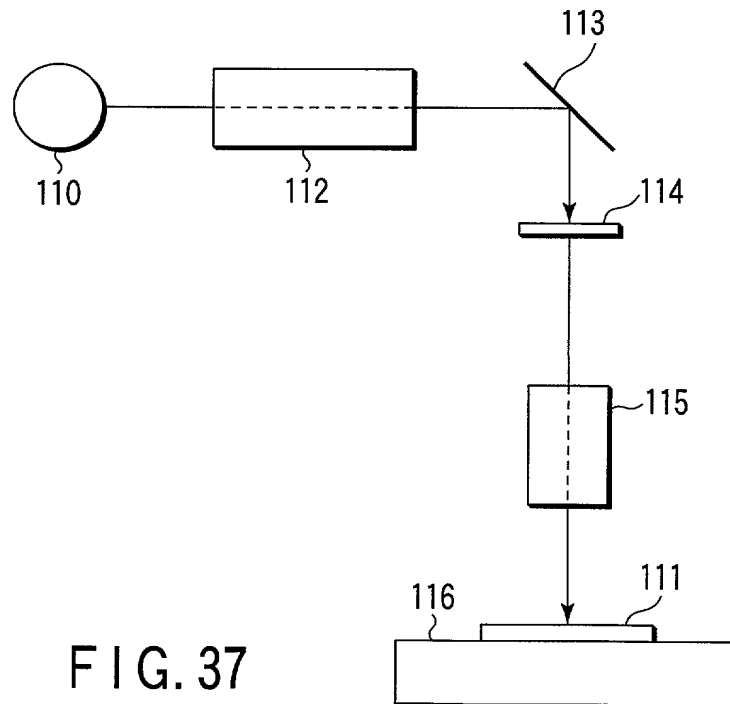


FIG. 37

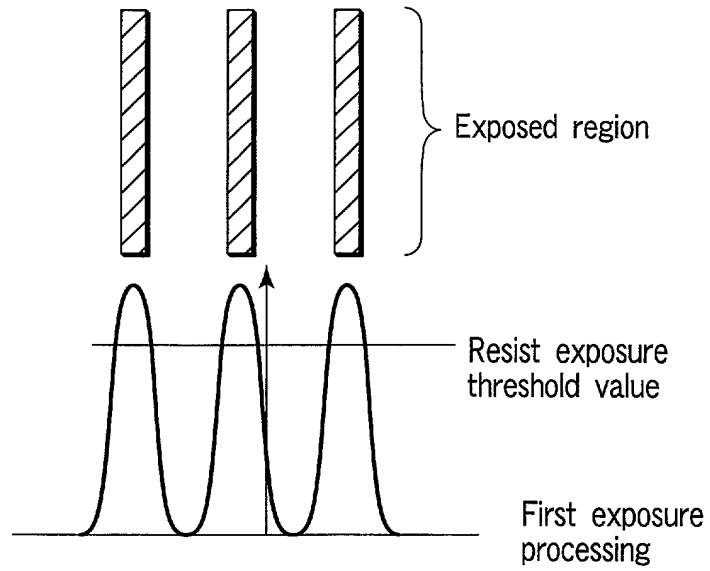


FIG. 38

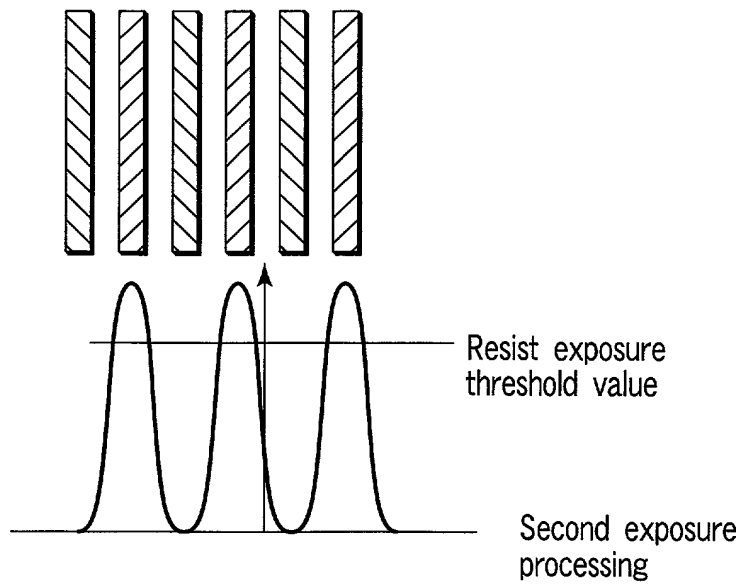
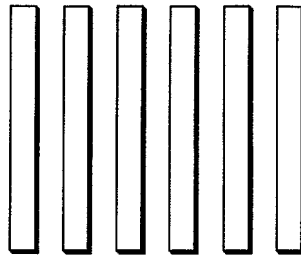
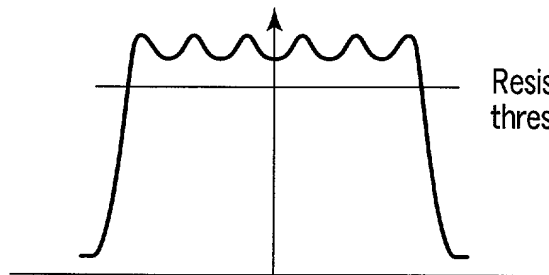
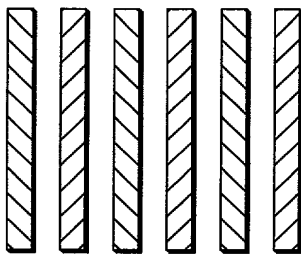


FIG. 39

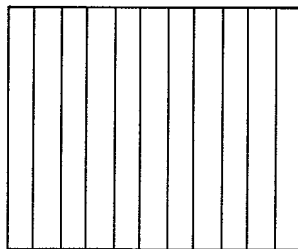
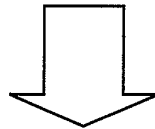


Region of exposure result

FIG. 40



Resist exposure
threshold value



Exposed region

FIG. 41